

03-29-01

A

Please type a plus sign (+) inside this box



PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.

42390P11289

First Inventor

Shlomo Ovadia

Title

A SYSTEM AND RELATED METHODS FACILITATING THE RAPID DETECTION AND ACQUISITION OF DATA CHANNELS IN A CABLE MODEM

Express Mail Label No.

EL034439207US

Only for new nonprovisional applications under 37 CFR 1.53(b)

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages 27]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]

5. Oath or Declaration [Total Pages 3]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
c. ☐ Unsigned

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Check No. 09444 for \$822.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No:

Prior application Information: Examiner

Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☒ Customer Number of Bar Code Label

PATENT TRADEMARK OFFICE

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Michael A. Proksch

Registration No. (Attorney/Agent)

43,021

Signature

Michael A. Proksch

Date

03/27/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

10996 U.S. PTO
09/819163

03/27/01

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2000</h2> <p style="font-size: small; margin: 5px 0;">Patent fees are subject to annual revision</p>		Complete if Known													
TOTAL AMOUNT OF PAYMENT (\$) 822.00		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td></td></tr> <tr><td>Filing Date</td><td>March 27, 2001</td></tr> <tr><td>First Named Inventor</td><td>Shlomo Ovadia</td></tr> <tr><td>Examiner Name</td><td></td></tr> <tr><td>Group/Art Unit</td><td></td></tr> <tr><td>Attorney Docket No.</td><td>42390P11289</td></tr> </table>		Application Number		Filing Date	March 27, 2001	First Named Inventor	Shlomo Ovadia	Examiner Name		Group/Art Unit		Attorney Docket No.	42390P11289
Application Number															
Filing Date	March 27, 2001														
First Named Inventor	Shlomo Ovadia														
Examiner Name															
Group/Art Unit															
Attorney Docket No.	42390P11289														

<p>METHOD OF PAYMENT (check one)</p> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit any overpayments to:</p> <p>Deposit Account Number 02-2666</p> <p>Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee(s) Required Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p style="text-align: center;">FEE CALCULATION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">1. BASIC FILING FEE</th> <th colspan="2"></th> <th colspan="2"></th> </tr> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr><td></td><td></td><td>101</td><td>710</td><td>Utility filing fee</td><td>710.00</td></tr> <tr><td></td><td></td><td>106</td><td>320</td><td>Design filing fee</td><td></td></tr> <tr><td></td><td></td><td>107</td><td>490</td><td>Plant filing fee</td><td></td></tr> <tr><td></td><td></td><td>108</td><td>710</td><td>Reissue filing fee</td><td></td></tr> <tr><td></td><td></td><td>114</td><td>150</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$)</td> <td>710.00</td> </tr> </table> <p>2. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr><td></td><td></td><td>103</td><td>18</td><td>Claims in excess of 20</td><td></td></tr> <tr><td></td><td></td><td>102</td><td>80</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td></td><td></td><td>104</td><td>260</td><td>Multiple Dependent claim, if not paid</td><td></td></tr> <tr><td></td><td></td><td>109</td><td>80</td><td>**Reissue independent claims over original patent</td><td></td></tr> <tr><td></td><td></td><td>110</td><td>18</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (2)</td> <td>(\$)</td> <td>72.00</td> </tr> </table>	1. BASIC FILING FEE						Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			101	710	Utility filing fee	710.00			106	320	Design filing fee				107	490	Plant filing fee				108	710	Reissue filing fee				114	150	Provisional filing fee		SUBTOTAL (1)				(\$)	710.00	Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			103	18	Claims in excess of 20				102	80	Independent claims in excess of 3				104	260	Multiple Dependent claim, if not paid				109	80	**Reissue independent claims over original patent				110	18	**Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)				(\$)	72.00	<p>3. ADDITIONAL FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr><td></td><td></td><td>105</td><td>130</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td></td><td></td><td>127</td><td>50</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td></td><td></td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td></td><td></td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td></td><td></td><td>112</td><td>920*</td><td>*Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td></td><td></td><td>113</td><td>1,840*</td><td>*Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td></td><td></td><td>115</td><td>110</td><td>Extension for response within first month</td><td></td></tr> <tr><td></td><td></td><td>116</td><td>390</td><td>Extension for response within second month</td><td></td></tr> <tr><td></td><td></td><td>117</td><td>890</td><td>Extension for response within third month</td><td></td></tr> <tr><td></td><td></td><td>118</td><td>1,390</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td></td><td></td><td>128</td><td>1,890</td><td>Extension for response within fifth month</td><td></td></tr> <tr><td></td><td></td><td>119</td><td>310</td><td>Notice of Appeal</td><td></td></tr> <tr><td></td><td></td><td>120</td><td>310</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td></td><td></td><td>121</td><td>270</td><td>Request for oral hearing</td><td></td></tr> <tr><td></td><td></td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td></td><td></td><td>140</td><td>110</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td></td><td></td><td>141</td><td>1,240</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td></td><td></td><td>142</td><td>1,240</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td></td><td></td><td>143</td><td>440</td><td>Design issue fee</td><td></td></tr> <tr><td></td><td></td><td>144</td><td>600</td><td>Plant issue fee</td><td></td></tr> <tr><td></td><td></td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td></td><td></td><td>123</td><td>130</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td></td><td></td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td></td><td></td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td></td><td></td><td>146</td><td>710</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td></td><td></td><td>149</td><td>710</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td></td><td></td><td>179</td><td>710</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td></td><td></td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (3)</td> <td>(\$)</td> <td>40.00</td> </tr> </table>	Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			105	130	Surcharge - late filing fee or oath				127	50	Surcharge - late provisional filing fee or cover sheet.				139	130	Non-English specification				147	2,520	For filing a request for reexamination				112	920*	*Requesting publication of SIR prior to Examiner action				113	1,840*	*Requesting publication of SIR after Examiner action				115	110	Extension for response within first month				116	390	Extension for response within second month				117	890	Extension for response within third month				118	1,390	Extension for response within fourth month				128	1,890	Extension for response within fifth month				119	310	Notice of Appeal				120	310	Filing a brief in support of an appeal				121	270	Request for oral hearing				138	1,510	Petition to institute a public use proceeding				140	110	Petition to revive - unavoidable				141	1,240	Petition to revive - unintentional				142	1,240	Utility issue fee (or reissue)				143	440	Design issue fee				144	600	Plant issue fee				122	130	Petitions to the Commissioner				123	130	Petitions related to provisional applications				126	180	Submission of Information Disclosure Stmt				581	40	Recording each patent assignment per property (times number of properties)	40.00			146	710	Filing a submission after final rejection (37 CFR § 1.129(a))				149	710	For each additional invention to be examined (37 CFR § 1.129(b))				179	710	Request for Continued Examination (RCE)				169	900	Request for expedited examination of a design application		SUBTOTAL (3)				(\$)	40.00
1. BASIC FILING FEE																																																																																																																																																																																																																																																																															
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																										
		101	710	Utility filing fee	710.00																																																																																																																																																																																																																																																																										
		106	320	Design filing fee																																																																																																																																																																																																																																																																											
		107	490	Plant filing fee																																																																																																																																																																																																																																																																											
		108	710	Reissue filing fee																																																																																																																																																																																																																																																																											
		114	150	Provisional filing fee																																																																																																																																																																																																																																																																											
SUBTOTAL (1)				(\$)	710.00																																																																																																																																																																																																																																																																										
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																										
		103	18	Claims in excess of 20																																																																																																																																																																																																																																																																											
		102	80	Independent claims in excess of 3																																																																																																																																																																																																																																																																											
		104	260	Multiple Dependent claim, if not paid																																																																																																																																																																																																																																																																											
		109	80	**Reissue independent claims over original patent																																																																																																																																																																																																																																																																											
		110	18	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																											
SUBTOTAL (2)				(\$)	72.00																																																																																																																																																																																																																																																																										
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																										
		105	130	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																											
		127	50	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																																																																																																																											
		139	130	Non-English specification																																																																																																																																																																																																																																																																											
		147	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																											
		112	920*	*Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																											
		113	1,840*	*Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																											
		115	110	Extension for response within first month																																																																																																																																																																																																																																																																											
		116	390	Extension for response within second month																																																																																																																																																																																																																																																																											
		117	890	Extension for response within third month																																																																																																																																																																																																																																																																											
		118	1,390	Extension for response within fourth month																																																																																																																																																																																																																																																																											
		128	1,890	Extension for response within fifth month																																																																																																																																																																																																																																																																											
		119	310	Notice of Appeal																																																																																																																																																																																																																																																																											
		120	310	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																											
		121	270	Request for oral hearing																																																																																																																																																																																																																																																																											
		138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																											
		140	110	Petition to revive - unavoidable																																																																																																																																																																																																																																																																											
		141	1,240	Petition to revive - unintentional																																																																																																																																																																																																																																																																											
		142	1,240	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																											
		143	440	Design issue fee																																																																																																																																																																																																																																																																											
		144	600	Plant issue fee																																																																																																																																																																																																																																																																											
		122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																											
		123	130	Petitions related to provisional applications																																																																																																																																																																																																																																																																											
		126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																											
		581	40	Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																																																																																																																																										
		146	710	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																																											
		149	710	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																																																											
		179	710	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																											
		169	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																											
SUBTOTAL (3)				(\$)	40.00																																																																																																																																																																																																																																																																										

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Michael A. Proksch	Registration No. (Attorney/Agent)	43,021
Signature		Telephone	(503) 684-6200
		Date	03/27/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.